

Converting Colors

Yxy(52.3168, 0.3137, 0.3430)

Have a look what the booklet for
Yxy(52.3168, 0.3137, 0.3430)
contains.

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Color

Yxy(52.3168, 0.3137, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	B9C2B7
RGB	185, 194, 183
RGB Percent	73%, 76%, 72%
CMY	0.2744, 0.2392, 0.2824
CMYK	0.05, 0.00, 0.06, 0.24
HSL	109°, 8%, 74%
HSV	109°, 6%, 76%
XYZ	47.8478, 52.3168, 52.3626
YIQ	190.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

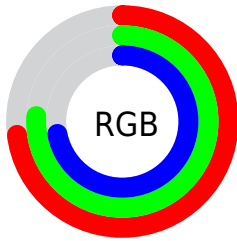
Format	Color
RYB	183, 194, 192
Decimal	12174007
CIELab	77.47, -5.14, 4.46
CIElCh	77, 6.804, 139.022
Yxy	52.3168, 0.3137, 0.3430
Android (android.graphics.Color)	4290364087 (0xFFB9C2B7)
YUV	190.0550, -3.4781, -4.4332
Hunter-Lab	72.3304, -8.4973, 7.7091

Details

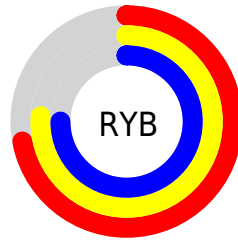
The Yxy color **52.3168, 0.3137, 0.3430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9537, 0.3116, 0.3152**, and the grayscale version is **51.5489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3040, 0.3135, 0.3399**, and **25.2734, 0.3141, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **49.7080, 0.3153, 0.3700**, and if you desaturate by 10%, it is **55.2600, 0.3119, 0.3190**.

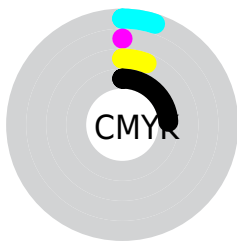
Distribution



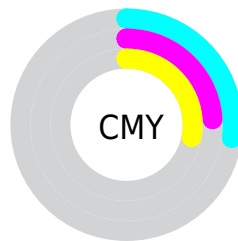
- Red (73%)
- Green (76%)
- Blue (72%)



- Red (72%)
- Yellow (76%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3168, 0.3137, 0.3430 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 52.3168, 0.3137, 0.3430 by changing the saturation by 10% instead.

■ 52.3168, 0.3137,
0.3430

■ 52.3168, 0.3137,
0.3430

395.6584, 0.3133,
0.3361

■ 37.2577, 0.3138,
0.3447

■ 93.5983, 0.3135,
0.3405

■ 25.4070, 0.3139,
0.3469

120.5894, 0.3135,
0.3396

■ 16.3806, 0.3141,
0.3498

152.3267, 0.3134,
0.3388

■ 9.7939, 0.3143,
0.3538

189.1944, 0.3134,
0.3381

■ 5.2625, 0.3145,
0.3597

231.5771, 0.3133,
0.3375

■ 2.4021, 0.3148,
0.3693

279.8590, 0.3133,

■ 0.8270, 0.3182,

0.3370

0.3983

334.4247, 0.3133,
0.3365

0.0000, 0.0000,
0.0000

52.3168, 0.3137,
0.3430

52.3168, 0.3137,
0.3430

49.7080, 0.3153,
0.3700

55.2600, 0.3119,
0.3190

47.4153, 0.3166,
0.3998

58.5419, 0.3101,
0.2979

45.4286, 0.3176,
0.4320

62.1753, 0.3083,
0.2794

43.7346, 0.3179,
0.4656

65.8059, 0.3105,
0.2683

42.3193, 0.3174,
0.4992

67.0645, 0.3155,
0.2693

■ 41.1673, 0.3161,
0.5306

■ 40.2618, 0.3138,
0.5576

■ 39.5838, 0.3108,
0.5782

■ 39.1112, 0.3072,
0.5912

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.3168, 0.3225, 0.3450



52.3168, 0.3137, 0.3430



52.3168, 0.3047, 0.3371

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.3168, 0.3137, 0.3430



52.3168, 0.2968, 0.3153



52.3168, 0.3277, 0.3288

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52.3168, 0.3137, 0.3430



48.9537, 0.3116, 0.3152

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.3168, 0.3207, 0.3211



52.3168, 0.3137, 0.3430



52.3168, 0.3028, 0.3134

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.3168, 0.3137, 0.3430



52.3168, 0.2951, 0.3210



52.3168, 0.3115, 0.3155



52.3168, 0.3307, 0.3367

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.3168, 0.3137, 0.3430



52.3168, 0.2998, 0.3318



52.3168, 0.3115, 0.3155



52.3168, 0.3258, 0.3261

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52.3190, 0.3137, 0.3430



96.6619, 0.3131, 0.3339



52.4977, 0.3212, 0.3400



21.1794, 0.3131, 0.3337



0.0000, 0.0000, 0.0000



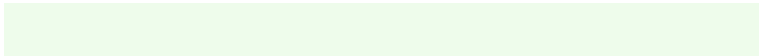
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.3190, 0.3137, 0.3430



94.0753, 0.3139, 0.3467



52.2062, 0.3096, 0.3388



11.4577, 0.3140, 0.3477



25.6400, 0.3065, 0.5948



1.1357, 0.3210, 0.5833

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.9537, 0.3116, 0.3152



86.5190, 0.3114, 0.3117



49.0751, 0.3160, 0.3194



10.4884, 0.3113, 0.3108



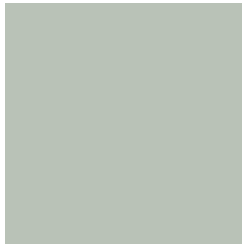
7.3776, 0.2749, 0.1288



0.3438, 0.2858, 0.1348

Previews

White Background



This preview shows how the Yxy color 52.3168, 0.3137, 0.3430 looks on a white background.

Color Contrast Check

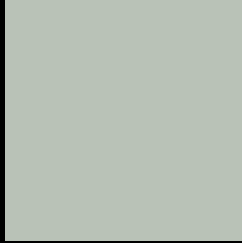
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 52.3168, 0.3137, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

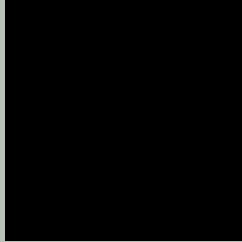
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

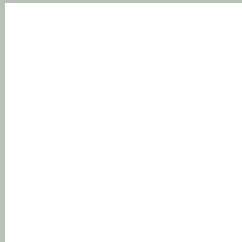
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3168, 0.3137, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 52.3168, 0.3137, 0.3430.



This preview shows how white text looks on a background with the Yxy color 52.3168, 0.3137, 0.3430.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.3168, 0.3137, 0.3430

Protanopia

52.0334, 0.3255, 0.3402

Deuteranopia

52.1978, 0.3357, 0.3291



Tritanopia

52.5367, 0.3001, 0.3106

Trichromacy



Original Color

52.3168, 0.3137, 0.3430

Protanomaly

51.9765, 0.3212, 0.3403

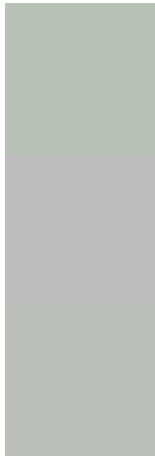
Deuteranomaly

51.9837, 0.3276, 0.3339

Tritanomaly

52.4679, 0.3051, 0.3215

Monochromacy



Original Color

52.3168, 0.3137, 0.3430

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5408, 0.3133, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3168, 0.3137, 0.3430 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 194, 183)` looks like.

```
.text, #text, p{  
    color:rgb(185, 194, 183)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 194, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 194, 183) }
```

Border

The CSS property to change the border of an element to Yxy 52.3168, 0.3137, 0.3430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 194, 183) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 194, 183) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(185, 194, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 194, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 194, 183);  
box-shadow:4px 4px 4px 4px rgb(185, 194,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3168, 0.3137, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 194, 183) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
194, 183) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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